Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
230	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.On wall /Structure 6 sqmm to 16 sqmm	Mtr	55	0.00	31.00	0	0.00	31.00	0.00	0.00	0
231	25 sqmm to 75 sqmm	Mtr	250	0.00	34.00	0	0.00	34.00	0.00	0.00	0
232	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete. In soil (ordinary)	Mtr	65	0.00	78.00	0	0.00	78.00	0.00	0.00	0
233	Asphalt cutting	Mtr	10	0.00	117.00	0	0.00	117.00	0.00	0.00	0
234	Providing and filling sand in excavated trench to cover already laid UG cable to a depth of 150mm all-round the cable.	Mtr	65	0.00	103.00	0	0.00	103.00	0.00	0.00	0
235	Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only) 25mm dia	Each	2	0.00	86.00	0	0.00	86.00	0.00	0.00	0
236	32mm dia	Each	2	0.00	122.00	0	0.00	122.00	0.00	0.00	0
237	Supplying and fixing 2mm thick perforated cable tray with powder coated paint on existing MS angle support using necessary GI bolts/nuts and washer or welding as required. 300x50mm	Mtr	10	0.00	547.00	0	0.00	547.00	0.00	0.00	0
238	Supply and laying double walled corrugated (DWC) HDPE Pipe including all necessary connecting Sockets/Couplings/Tees/Bends/End-caps of same materials in existing trench as per IS 14930 part -II suitable for drawing underground cables. 40mm OD / 32mm ID	Mtr	100	0.00	98.00	0	0.00	98.00	0.00	0.00	0
239	50mm OD / 38mm ID	Mtr	75	0.00	151.00	0	0.00	151.00	0.00	0.00	0
240	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. 1.5 sqmm	Each	100	0.00	2.00	0	0.00	2.00	0.00	0.00	0
241	2.5 sqmm	Each	80	0.00	3.00	0	0.00	3.00	0.00	0.00	0
242	4 sqmm	Each	24	0.00	6.00	0	0.00	6.00	0.00	0.00	0
243	6 sqmm	Each	12	0.00	6.00	0	0.00	6.00	0.00	0.00	0
244	10 sqmm	Each	32	0.00	6.00	0	0.00	6.00	0.00	0.00	0
245	16 sqmm	Each	8	0.00	11.00	0	0.00	11.00	0.00	0.00	0
246	35 sqmm Long Barrel	Each	8	0.00	35.00	0	0.00	35.00	0.00	0.00	0
247	Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc. GI Wire 8 SWG	Mtr	200	0.00	19.00	0	0.00	19.00	0.00	0.00	0
248	Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete. 15" Sweep (450mm)	Each	4	0.00	4500.00	0	0.00	4500.00	0.00	0.00	0

249	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system. 48" Sweep (1200mm) REGULAR model	Each	23	0.00	2350.00	0	0.00	2350.00	0.00	0.00	0
250	Supplying and drawing PVC flexible one pair telephone unarmoured tinned copper cable. 2Pair	Rmt.	100	0.00	13.00	0	0.00	13.00	0.00	0.00	0
251	Supplying, erecting, testing & commissioning of OFF LINE UPS system suitable for operation on 230V, 50Hz, A/C supply, with all accessories complete and Excluding batteries and wiring complete. 5 KVA OFF LINE UPS Two Hour back up Excluding 6x 150Ah batteries	Each	1	0.00	50000.00	0	0.00	50000.00	0.00	0.00	0
252	Supplying, installation, testing & commissioning of 12Volts ..AH batteries in poly propylene container for D.G. sets. Low maintenance batteries, plate type. 150AH capacity. Acid batteries	Each	6	0.00	20000.00	0	0.00	20000.00	0.00	0.00	0
253	Supplying, erection, testing and commissioning of .....KVA Diesel Generating Set on existing CC platform Comprising of Diesel Engine Developing ..... BHP @ 1500 RPM confirming to BS 5514.The engine should be turbocharged, Air/water cooled with 10 % over load for 1hour in every 12 hours of operation coupled to suitable capacity alternator rated at 415V, 0.8 PF(lag) 50 Hz, 3 phase, 4 wire system, confirming to BS 5000/IS 4722. The alternator shall be of brushless type ,Screen protected, revolving field, Mounted on suitable Channel Iron Base Frame, Complete with suitable capacity Fuel Tank, required nos. of Batteries of 12/24V as per requirement, Acoustic enclosure as per CPCB Approved Norms. 62.5kva/50kw	Each	1	0.00	570000.00	0	0.00	570000.00	0.00	0.00	0

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
254	Supply, Erection, testing and commissioning of AMF panel suitable for .....KVA DG set. The panel is of cubical type base/floor mounting control panel with hinged doors, undrilled bottom gland plate, aluminum Bus Bar with the accommodation for .....amps 4 pole contactor for alternator with thermal O/L relay,..... Amps 4 pole contactor for mains, HRC fuse for short circuit protection, Microprocessor based AMF module with supply failure timer, Restoration timer, 3 impulse automatic engine start/stop logic, Mains/generator voltage, ...capacity bypass switch and frequency sensing, PCC 1301 controller with water temperature/Lube oil pressure/ engine speed, Voltage/ampere/Frequency/ KVA, Running-hour count, No of starts, Fault indication, over /under speed, Fails to start, Low oil pleasure, High engine temperature, Under/over voltage, over current, Earth fault relay, with indications for Mains on, Load on Mains, Battery charger on Push buttons AMf module by pass Mode, Battery charger unit with inbuilt Auto/Manual and Flat/Boost facility. Up to 62.5kva	Each	1	0.00	92400.00	0	0.00	92400.00	0.00	0.00	0
255	Supply , installation, testing and commissioning of Table top model chairman unit with gooseneck mic with ring LED and interconnection cable and out sockets for linking next unit with talk and priority switch aluminum/PVC housing and headphone sock	No	1	0.00	12400.00	0	0.00	12400.00	0.00	0.00	0
256	Supply, installation, testing and commissioning of, 9 core multistrand high gain low loss cable with required end connectors 10meter to connect between the delegate unit and controller including charges for labour, lead and lifts, loading and unloading	No	2	0.00	220.00	0	0.00	220.00	0.00	0.00	0
257	Supply, installation, testing and commissioning of compact ceiling speaker with Back Can power handling up to 6 watt RMS/ watt /100volt@ 1456 ohms single channel. selectable taping 5" LF driver and tweeter	No	5	0.00	1450.00	0	0.00	1450.00	0.00	0.00	0

258	Supply, installation, testing and commissioning of compact Wall mount speaker with power handling up to 40Watt RMS 0/100volt@ 1456 ohms single channel. selectable taping Specs: Power handling : 15 to 30 watt Frequency response : 80 Hz t0 18khz Spl:	No	4	0.00	6890.00	0	0.00	6890.00	0.00	0.00	0
259	Supply, installation, testing and commissioning of booster amplifier with power handling of 250 to 300 watt RMS 4ohms Dual and 100/70 volt output on bridge mode single channel Rack mountable Specs: frequency response : 20 htz to 20khtz	No	1	0.00	27550.00	0	0.00	27550.00	0.00	0.00	0
260	Supply, installation, testing and commissioning of 12Channel 12mic/line 2-4 Stereo input mixer with built in 3 to 4 band semi parametric eq 2 bus or 4 bus and 2 to 4 aux outs 2 stereo return. Specs: frequency response of 20 htz to 20 kHz with THD o	No	1	0.00	22000.00	0	0.00	22000.00	0.00	0.00	0
261	System Racks Supply, installation, testing and commissioning of 19" 20/15U 580 Depth system rack with Front glass door , back door with heavy duty wheels with cable manager and power strip and termination plates for signal and speaker out system.	No	1	0.00	12800.00	0	0.00	12800.00	0.00	0.00	0
262	Speaker Cables Supply, installation, testing and commissioning professional grade 2.5 sq mm TIN coated low loss 2 core multi strand Oxidation Free speaker cable including, lead and lifts, loading and unloading, cost of conveyance for all the materials with the accessories.	meter	750	0.00	38.00	0	0.00	38.00	0.00	0.00	0
263	Connectors and I/C Cables Supply, installation, testing and commissioning of professional grade audio connectors for inter connection cables with in the rack and other units as well auditorium as required including charges for labour, lead and lifts, loading and unloading, cost of conveyance for all the materials with the accessories required for completion as per the detailed specifications. Neutrick/SR/Amphenol/nT/MX/Equivalent.	Set	1	0.00	240.00	0	0.00	240.00	0.00	0.00	0
264	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. On wall / ceiling / Rafter / Girders	Each	386	0.00	98.00	0	0.00	98.00	0.00	0.00	0

no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
265	Fixing a ceiling / wall mounting fan of all capacities and all types, with necessary clamps and 'S' hook made out of 15mm dia MS rod, with 5 amps. ceiling rose of approved quality with necessary length of 23 / 0.0076 inch PVC insulated twin twisted wire of approved quality, mounted on a suitable size wooden board and wired.	Each	23	0.00	237.00	0	0.00	237.00	0.00	0.00	0
266	Fixing one exhaust fan in the nitch already left in the wall with bolts and nuts and 5 amps. ceiling rose with sufficient length of 23 / 0.0076 inch PVC insulated twin core wire.	Each	4	0.00	412.00	0	0.00	412.00	0.00	0.00	0
267	Constructing brick **masonry circular type manhole 1.67 m** internal dia at bottom 1.67m deep and 0.56m dial at top with table moulded non-modular bricks of 50 class designation 50 in cement mortar 1:4, inside cement plastered 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete M 10 using 40mm and downsize granite metal and making necessary channel in cement concrete M 15 with 20mm and downsize granite metal finished with a floating coat of neat cement, with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560 mm internal diameter confirming IS:12592, total weight cover and frame to be not less than 182 kg, fixed in cement concrete 1:2:4, 20mm and downsize broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of machineries complete as per specifications. (Excavation, footrests and 12mm thick cement plaster on the external surface shall be seperately).	Nos	1	0.00	22815.00	0	0.00	22815.00	0.00	0.00	0
268	Providing cast iron footrest and fixing in manhole with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, HOM of machineries complete as per specifications. specification no. KBS	Nos	10	0.00	248.00	0	0.00	248.00	0.00	0.00	0

SR	Description of work	Unit	BOQ Qnty	Estimate			Payment			Total Upto date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
269	Making connection of drain or sewer line of size 160 to 200mm external dia with existing manhole including breaking into and making good the walls, floors with cement concrete M 15 with 20mm and down size granite metal, cement plastered on both sides of mix 1:3, finished with a floating coat of neat cement and making necessary channels for the drain, including cost of materials, labour charges, HOM of machineries complete as per specifications.	M	10	0.00	2458.00	0	0.00	2458.00	0.00	0.00	0
270	Constructing brick masonry inspection chamber 600x600mm and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non- modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38kg (weight of cover 23kg and weight of frame 15kg) R.C.C top slab with cement concrete M 15 with 20mm and down size granite metal, foundation concrete M5 with 40mm and down size granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, HOM of machineries complete as per specifications.	Nos	4	0.00	9670.00	0	0.00	9670.00	0.00	0.00	0
271	Providing and fixing unplasticised PVC pipes 10.00 kg/sq.cm working pressure chemp plast/wavin or equivalent make with pipe fittings, clips, making good the floor , including cost of all materials, labour charges, HOM of equipment and testing complete as per specifications. do- with 90mm outer dia	m	75	0.00	519.00	0	0.00	519.00	0.00	0.00	0
272	do- with 110mm outer dia	m	65	0.00	743.00	0	0.00	743.00	0.00	0.00	0
273	do- with 160mm outer dia	m	50	0.00	1566.00	0	0.00	1566.00	0.00	0.00	0

274	Providing and fixing white vitreous china clay, **water closet europeon type** (pedestal type, p-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level,P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets , 40mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design,painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications.	Each	20	0.00	5540.00	0	0.00	5540.00	0.00	0.00	0
275	Providing and fixing white vitreous china clay,flat back or half stall **urinal basin** of size 580x380x350mm in the range of two with 7.5 litres P.V.C automatic flushing cistern, C.I / M.S brackets ,standard flush pipe and C.P brass spreaders with brass unions and G.I clamps, C.I trap with outlet grating and other couplings in C.P brass, painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications.	Unit	10	0.00	8980.00	0	0.00	8980.00	0.00	0.00	0
276	Providing and fixing white vitreous china clay,flat back **wash basin** size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets ,32mm C.P brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications.	Unit	12	0.00	4196.00	0	0.00	4196.00	0.00	0.00	0
277	Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications.	Unit	4	0.00	1274.00	0	0.00	1274.00	0.00	0.00	0
278	Providing and fixing C.P brass towel rail 740mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P brass screws including cost of materials, labour complete as per specifications.	Unit	4	0.00	845.00	0	0.00	845.00	0.00	0.00	0
279	do- white	Pair	20	0.00	302.00	0	0.00	302.00	0.00	0.00	0

				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
280	Providing wash basin brackets of approved 1st qyuality and make confirming to ISI specifications and fixing for low down cistern as directed. Rate includes cost of materials and conveyance to work spot.	Pair	12	0.00	246.00	0	0.00	246.00	0.00	0.00	0
281	Providing pedestal for wash basin of approved 1st qyuality and make confirming to ISI specifications and fixing for low down cistern as directed. Rate includes cost of materials and conveyance to work spot.	Each	12	0.00	945.00	0	0.00	945.00	0.00	0.00	0
282	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.	Each	24	0.00	172.00	0	0.00	172.00	0.00	0.00	0
283	Providing **stoneware gully trap** of approved quality and make fixing in M-15 and plastering with CM 1:3 wherever necessary. (Rate includes cost of all materials, fixtures and lead). do- 15x15cms	Each	4	0.00	291.00	0	0.00	291.00	0.00	0.00	0
284	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe. - do - 110 mm dia	m	20	0.00	444.00	0	0.00	444.00	0.00	0.00	0
285	do- 160mm dia	m	60	0.00	896.00	0	0.00	896.00	0.00	0.00	0
286	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each	2	0.00	262.00	0	0.00	262.00	0.00	0.00	0
287	Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each	32	0.00	172.00	0	0.00	172.00	0.00	0.00	0
288	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each	2	0.00	441.00	0	0.00	441.00	0.00	0.00	0
289	25mm dia nominal bore	Each	1	0.00	632.00	0	0.00	632.00	0.00	0.00	0
290	32mm nominal bore	Each	3	0.00	1026.00	0	0.00	1026.00	0.00	0.00	0
291	40mm nominal bore	Each	2	0.00	1371.00	0	0.00	1371.00	0.00	0.00	0
292	65mm nominal bore	Each	1	0.00	2764.00	0	0.00	2764.00	0.00	0.00	0

				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
293	Providing and fixing unplasticised PVC connection pipe with brass union 15mm nominal bore 300 mm length of PVC connection including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Set	12	0.00	284.00	0	0.00	284.00	0.00	0.00	0
294	Providing and fixing in position 40mm nominal bore non return valve vertical type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Nos	2	0.00	1549.00	0	0.00	1549.00	0.00	0.00	0
295	40mm dia	m	60	0.00	204.00	0	0.00	204.00	0.00	0.00	0
296	63mm dia	m	5	0.00	375.00	0	0.00	375.00	0.00	0.00	0
297	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 Litre capacity) as per IS 12701 1996.	Each	5	0.00	9144.00	0	0.00	9144.00	0.00	0.00	0
298	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for not and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) 15mm nominal OD pipes	m	5	0.00	140.00	0	0.00	140.00	0.00	0.00	0
299	20mm nominal OD pipes	m	45	0.00	226.00	0	0.00	226.00	0.00	0.00	0
300	25mm nominal OD pipes	m	40	0.00	270.00	0	0.00	270.00	0.00	0.00	0
301	32mm nominal OD pipes	m	60	0.00	334.00	0	0.00	334.00	0.00	0.00	0
302	Spplying ,Installing testing and commissioning **CP. Health faucet** (two in one) with flexible hose,CP Angle valve, wall flange, supporting hook with screws, fixing materials and sealant to all sides of wall flange complete.	Nos	20	0.00	1400.00	0	0.00	1400.00	0.00	0.00	0
303	supplying and Installing testing and commissioning **of approved make C P GRAB BAR 600 mm long ,** CP wall flanges, fixing materials, complete.	Nos	2	0.00	2100.00	0	0.00	2100.00	0.00	0.00	0

304	Supplying , installing, testing and commissioning U PVC **multi inlet floor trap** without CP grating including fittings required to connect the outlets from wash basin , kitchen sink or any other drain pipe conforming to IS with required supports with clamps in suspended piping , supporting the trap with clamps including anchor fasteners , nuts , bolts and washers all leads and lifts complete. a) 75 mm dia outlet for floor trap	Nos	24	0.00	500.00	0	0.00	500.00	0.00	0.00	0
305	Supplying,fabricating to the required length including support length and placing in position M S angle supports (to fix the watersupply and drainage lines) shafts with a coat of primer before erecting the clamps , fixed and aligned to level with anchor fasteners , bolts , nuts and washers , coat of primer and two coats of enamel paint after the ercetion of pipe lines with all leads and lifts complete. in vertical shafts	Kgs	25	0.00	85.00	0	0.00	85.00	0.00	0.00	0
306	at terrace level	Kgs	10	0.00	85.00	0	0.00	85.00	0.00	0.00	0
307	Supplying and placing in position heavy duty P V C currah with frame of below mentioned sizes including jointing and fixing material complete. a) 160 mm dia	Nos	4	0.00	1200.00	0	0.00	1200.00	0.00	0.00	0
308	supplying , installing in position (by tieing to reinforcement or welding to reinforcement) fabricated GI puddle flanges of required dia meter as specified below , with 6mm thick MS plates of size 150 mm x150 mm for pipe sizes up to 50 mm and MS plate protruding 100mm on all sides of the pipe for diameter of pipe 65 mm and above , with two coats of anticorrossive primer with threading / suitable flanges towards the pump connection side / valve connection side , with all leads and lifts comkplete. muncipal 32 mm dia	Nos	1	0.00	400.00	0	0.00	400.00	0.00	0.00	0
309	tanker 80 mm dia	Nos	1	0.00	800.00	0	0.00	800.00	0.00	0.00	0
310	over flow 100 mm dia	Nos	1	0.00	1100.00	0	0.00	1100.00	0.00	0.00	0
311	Heavy duty manhole cover 600 x 600	Nos	2	0.00	7000.00	0	0.00	7000.00	0.00	0.00	0
312	Air vent 80 mm dia	Nos	1	0.00	1000.00	0	0.00	1000.00	0.00	0.00	0
313	pvc rungs	Nos	16	0.00	300.00	0	0.00	300.00	0.00	0.00	0
314	pvc conduit 25 mm dia	Nos	1	0.00	20.00	0	0.00	20.00	0.00	0.00	0
315	outlet to oht 40 mm dia	Nos	1	0.00	600.00	0	0.00	600.00	0.00	0.00	0

SR	Description of work	Unit	BOQ Qnty	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
316	Providing and constructing **water meter chamber** over a bed of P C C 1:4:8,in 200 mm thick solid block in C M 1:8, both internal and external plastering in C M 1:6, medium duty precast concrete cover with all leads and lifts, including curing complete. Size of chamber 750 X 750 x 600 mm clear	Nos	1	0.00	12000.00	0	0.00	12000.00	0.00	0.00	0
317	Providing and constructing inspection chamber **(for bore well)** with first quality table molded bricks of standard size in C M 1:6 over a P C C bed of 1 4 8 of 100 mm thick, internal surface plastered smooth and externally finished rough including providing P C C for channeling and providing pre cast slab of 100 mm thick with frame and cover including curing all leads and lifts fixing in position fiber coated steps etc., complete.	Nos	1	0.00	12000.00	0	0.00	12000.00	0.00	0.00	0
318	Making necessary arrangements to obtain the permission for the connection of sewage line to the BWSSB main line and obtaining connection for water supply (deposits and other incidentals shall be borne by the client).	LS	1	0.00	50000.00	0	0.00	50000.00	0.00	0.00	0
319	Supplying, installing, testing and commissioning approved make **submersible pump** made of C.I construction suitable for buildingapplication. Thequoted rate shall also include for providing necessary safety devices viz. dry runprotection, over load relays auto level controller with necessary cables etc., complete working on 3ph 440V,50Hz, three phase system For pumping treated water from UG Sump to OHT, vertical type - pump, horizontal distance - 40 mtrs, Vertical distance - 15 mtrs, Duty of the Pump, 3.0 lps at 40m head (1 W+ 1st.by = 1No set)	Set	1	0.00	50000.00	0	0.00	50000.00	0.00	0.00	0
320	Supplying, Installing testing and commissioning approved make **water level controller** with cabling in P V C conduit (3 core & multi strand copper wire 1.5 sq mm) and automatic water level indicator digital type, indicating the level of water in percentage	Nos	1	0.00	8000.00	0	0.00	8000.00	0.00	0.00	0
321	Length of cable	Rmt	50	0.00	90.00	0	0.00	90.00	0.00	0.00	0
322	Length of conduit	Rmt	50	0.00	40.00	0	0.00	40.00	0.00	0.00	0

	KSRRB 1100- Bored / Cast-in-situ R.C.C. piles											
E1	KSRRB 1100-1. Bored / Cast-in-situ R.C.C. . piles with OPC cement design mix M20 @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 excluding reinforcement as per drawings including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH /Chapter 12	m	0	328.30	18671.44	6129834	0.00	18671.44	0.00	328.30	6129834
E2	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 7 mtrs.	Sqm	0	557.76	1055.21	588547	0.00	1055.21	0.00	557.76	588547
E3	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	0	285.16	456.47	130166	0.00	456.47	0.00	285.16	130166
E4	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	0	301.77	627.67	189411	0.00	627.67	0.00	301.77	189411
E5	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications and as per directions of Engineer in charge of the work (First Floor)	kgs	0	0.00	0.00	0	1408	98	138561.68	1408.05	138562

Item no	Description of work	Unit	BOQ Qnty	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
E6	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications and as per directions of Engineer in charge of the work (Second Floor)	kgs	0	0.00	0.00	0	1040	104	108456.14	1039.50	108456
E7	Fabricating, supplying and erecting M.S. TubularTruss of span upto 10m. The bottom and top member is provided with 50x50x6mm double equal angles, welded back to back and in between top and bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all themembers including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specification.	0	0	0.00	0.00	0	2025	142.27	288094.50	2024.91	288094
	Grand Total					**33703718**			**16018018**		**49721735**

16017604.00 49721322.00

Certificate

1.The Work executed by the contractor is found satisfactory

2. The contractor has removed the debris from the work spot

3. There are no departmental issues for this work

Contractor

Assistant Engineer

Assistant Executive Engineer

Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92